

REMARKS

Reconsideration of this application is requested.

Upon entry of this amendment, claims 1, 2 and 5-9 will be pending for the Examiner's consideration. Claims 1, 2 and 5 have been amended to improve clarity. In response to the Examiner's objection to claim 1 due to certain informalities, applicants have amended the claim to recite "a high polymer compound comprising at least one imide group," rather than "a high polymer compound ~~whose molecule have~~ imide group." Claim 1 was also amended to incorporate some of the limitations of claim 3, which has been canceled herein, replacing the term "(co)polymer" with "polymer or copolymer." As described in the specification on page 13, lines 6-15, examples of "(co)polymers" include both "polymers" and copolymers." Claim 1 has also been amended to recite that the high polymer compound does not comprise a nonionic compound. Support for this amendment can be found in the specification throughout the Detailed Description of the Invention (beginning on page 9), as there is no reference to nonionic polymer compounds. The specification requires that the high polymer compound must have an imide group. See Instant Specification, page 11, lines 20-22. One skilled in the art would understand that, unlike, for example, the disclosed anionic polymers which comprise carboxylic acids or sulfonic acids, nonionic polymer compounds are not amenable to imidation. Therefore, the high polymer compound cannot comprise a nonionic polymer compound. Further, none of the lubricant compositions (Table 2, page 24 of the specification) in Examples 1 to 5 described in the specification includes nonionic polymer compounds. Those skilled in the art will readily appreciate that the original specification describes the lubricant compositions containing no nonionic polymer compounds. Accordingly, the amendment of claim 1 does not constitute the addition of new matter.

Claims 3 and 4 have been canceled. New claims 6-9 have been added. Support for new claim 6 can be found in the instant specification on, for example, page 13, lines 11-12. New claim 7 includes limitations from canceled claim 3. Imidation with ammonia is described in the specification, starting on page 9, line 21 and ending on page 10, line 1. New claim 8 contains the same limitation as claim 2. Support for new claim 9 can be found in the specification on page 15, lines 9-12. No new matter has been added by these new claims.

With regard to the Examiner's objection to the abstract for being longer than one paragraph, applicants have amended the paragraph to be one paragraph and to fall within the suggested range of 50 to 150 words.

With regard to the Examiner's objection to the specification for various informalities, as discussed on page 2 of the Office Action, applicants have amended the following paragraphs in the specification to properly recite the term related to "a high polymer compound whose molecule have imide group": the paragraph that begins on page 5, line 16 and ends on page 6, line 5; the paragraph on page 6, lines 7-10; paragraph that begins on page 7, line 17 and ends on page 8, line 9; and the paragraph that begins on page 9, line 13 and ends on page 10, line 11. The corrected term is "a high polymer compound comprising at least one imide group."

With regard to the Examiner's objection to the misspelling of isobutylene in Example 1 in Tables 1 and 2, applicants respectfully note that the correct spelling is indeed "isobutylene," not "isobylylene."

With regard to the objection to claims 1 and 3 for the informalities cited on pages 2 and 3 of the Office Action, as discussed above, applicants have amended claim 1 and canceled claim 3 to address the Examiner's objections.

35 U.S.C. § 102 Rejections

Claims 1-5 were rejected under 35 U.S.C. § 102 as anticipated by JP 2002-265974 to Harada (Harada"). Applicants respectfully request reconsideration in view of the amendments to claim 1.

Harada discloses a water soluble lubricant for warm or hot plastic working which comprises an anionic polymer compound having a molecular weight of 500 to 1,000,000 **and** a nonionic polymer compound having an average molecular weight of 500 to 1,000,000. Harada, Abstract and paragraphs [0005], [0006], [0015], and [0016]. The anionic polymer compounds preferably have at least one of a sulfo group and its ion group and a carboxy group and its ion group. Harada, Abstract.

Applicants respectfully note that Harada requires both an anionic polymer compound **and** a *nonionic polymer* compound in its water soluble lubricants. Claim 1, as amended, does not comprise a nonionic polymer compound. Rather, claim 1 recites a water-soluble lubricant for

warm or hot metal forming, wherein "said high polymer compound does not comprise a nonionic polymer." Accordingly, claim 1 is not anticipated by Harada.

Reconsideration with allowance is requested.

No additional fees are believed to be required for this submission. Should any fees be required, however, please charge those fees to Morgan, Lewis & Bockius LLP deposit account no. 50-0310.

Respectfully submitted,

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